

ABSTRACT OF DISCLOSURE

A method of providing a multi-wavelength light source includes the steps of
5 modulating an optical pulse source so as to
output optical pulses with a designated
repetition frequency, time-division multiplexing
the optical pulses output by the optical pulse
source so as to output optical pulses with a
10 repetition frequency which is an integral
multiple of the designated repetition frequency,
and demultiplexing wavelengths of the optical
pulses with the repetition frequency which is
the integral multiple of the designated
15 repetition frequency so as to output the
wavelengths as the multi-wavelength light source.

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